



This newsletter from the Delaware Coastal Training Program (CTP) features resources that are available for Delaware's community leaders and natural resource managers to help us plan smarter for safer and more sustainable communities in our state! These updates will include highlights on upcoming trainings, tools, technical assistance programs, and funding sources from the CTP as well as other local practitioners and technical experts. This newsletter will be distributed quarterly - please be in touch if you have more updates to share or are looking for additional information!

## Upcoming Trainings and Webinars

### Planning and Facilitating Collaborative Meetings

**Tues. June 7 - Weds., June 8, 2016**  
**9:00 AM - 5:00 PM**  
**St. Jones Reserve Coastal Training Center**  
**818 Kitts Hummock Road, Dover, DE**

This two-day instructor-led course from the NOAA Office of Coastal Management is designed to increase participants' ability to plan and facilitate a meeting (or a series of meetings) that minimize conflict and enhance problem solving. Collaboration is often cited as a good way to address coastal resource management issues, but the collaborative process is complicated, requiring a systematic approach. This course provides the skills and tools to design and implement collaborative approaches. The skills will be useful even when attending, but not running, a collaborative meeting.

#### What you will learn:

After completing this course, participants will be able to:

- Determine if a collaborative process is appropriate
- Select people with the skill sets needed to fill each meeting role
- Learn and practice facilitation skills
- Use appropriate process tools and techniques to address the meeting objectives
- Manage conflict in meetings by understanding group dynamics



State of Delaware Employees [Click Here to Register](#)

[All Others Click Here to Register](#)

#### To Register:

- Follow the appropriate link above to log onto the Delaware Learning Center. (If you do not already have an account you must complete the Delaware Learning Center Registration Form).
- Then select the **Planning and Facilitating Collaborative Meetings** training from **Calendar of Events** or from the **My Training** widget on the Welcome Page and follow the registration process. If you do not see the course listed, please search for the title of the course in the top search bar.
- You will receive a confirmation of purchase at the end of your registration. The course registration fee is \$35 and is required at the

- Identify disruptive behaviors in group processes and practice strategies to deal with them.

**Course Instructor:**

[Jan Kucklick, NOAA Office for Coastal Management](#)

time of registration to reserve your attendance.

- *State of Delaware employees:* You will not receive a confirmation of purchase at the end of your registration until your supervisor approves your participation in the course.

## Seven Best Practices for Risk Communication

**Thursday, June 9, 2016**  
**1:00 PM - 2:30 PM EST**

*On-line Live webinar from the NOAA Office for Coastal Management*

Free event, registration required. Follow the link below to sign up: [http://noaacsc.adobeconnect.com/sbprcjune/event/event\\_info.html](http://noaacsc.adobeconnect.com/sbprcjune/event/event_info.html)

### About the Webinar

Whether preparing for the next big event or for the future in a changing climate, sometimes just starting the conversation can be difficult. Keeping people engaged and motivated to prepare for hazards can be even more challenging. Using risk communication best practices can help. This 90-minute interactive webinar introduces participants to seven best practices, numerous techniques, and examples for how to more effectively communicate about coastal hazards. Whether you are just starting, or trying to keep people motivated to better prepare for future hazards, applying risk communication principles can lead to more effective conversations and products.

For additional course or registration information, e-mail: [ocm.training@noaa.gov](mailto:ocm.training@noaa.gov)



### Who should take this course?

This course is targeted for a broad cross section of professionals involved in emergency management, planners, building and zoning officials, mitigation specialists, developers, engineers, architects, and property managers.

### Application on the Job:

- Apply seven risk communication best practices and techniques
- Use the fundamentals of behavior change to improve communication
- Adapt successful strategies from case studies of peers who have applied these best practices and techniques

### Participant Requirements:

- Internet and speakers
- Adobe Connect (software and user instructions will be provided in advance)

## Using Flood Exposure Maps

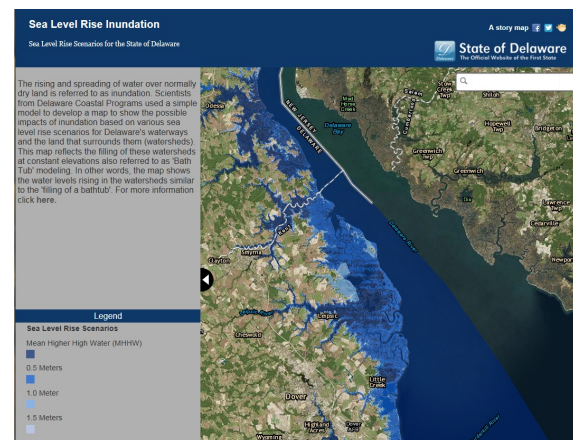
**Tuesday, June 28, 2016**  
**1:00 PM - 2:00 PM EST**

*On-line Live webinar from the NOAA Office for Coastal Management*

Free event, registration required. Follow the link below to sign up: <https://coast.noaa.gov/digitalcoast/training/flood-exposure.html>

### About the Webinar

The rising costs and dangers associated with coastal flooding are motivating communities to assess the people, places, and resources at risk. In this two-part course, participants will learn how to create an eye-opening community-learning tool in the form of easy-to-understand maps that depict community vulnerability. Course participants will become well versed in how to use NOAA's online Coastal Flood Exposure Mapper tool, and how to best use local flood exposure maps when working with citizens and



### You will learn how to:

- Create, collect, and share maps that show coastal flood hazards that put people, places, and natural resources at risk
- Recognize challenges and techniques for using these maps to facilitate productive conversations about improving community resilience to coastal hazards

local officials.

This course is designed for community land use, hazards, and resilience planners. It replaces the Roadmap for Adapting to Coastal Risk webinar.

**The course is delivered online in two parts. Part 1 is NOT a prerequisite for Part 2.**

- **Part 1** provides step-by-step instructions for creating and using local flood exposure maps. The mapping tool used for this course is the Coastal Flood Exposure Mapper (1 hour).
- **Part 2** is a live interview with a guest speaker who will share firsthand experiences using maps to engage stakeholders (1 hour).

- Prepare for productive conversations about community resilience

## Participant Requirements

Part 1: Internet, speakers

Part 2: Internet, speakers, and phone (connection information and user instructions provided in advance)

# Community Resources and Tools

## Creating Flood Ready Communities Toolkit

*From the University of Delaware  
Institute for Public Administration*

### What's the Issue?

Delaware is extremely susceptible to the dangers of flooding. It is one of only three states in which 100 percent of its population lives in coastline counties, according to a [census report](#). Delaware is vulnerable to coastal inundation, storm surge, saltwater intrusion, tidal wetland losses, nuisance flooding from high tides, and inland flooding from extreme precipitation—all of which will be exacerbated by the looming threats of higher rates of sea level rise. Also, each year, 10 – 35 storms such as nor'easters and tropical storms occur in Delaware, often causing flooding. All Delaware communities must evaluate risks, prepare, and implement plans to address flooding caused by storms and extreme precipitation, seasonal high “king” tides, and climate change—including sea level rise.

The [Institute for Public Administration](#) (IPA) at the University of Delaware has prepared a “[Flood-Ready Communities](#)” section within its online [Delaware Complete Communities Planning Toolbox](#) that features guidance and resources for responding to these issues at the municipal and community level.

## Creating Flood-Ready Communities: A Guide for Delaware Local Governments

January 2016

written by  
Brandon Grabelladay, Public Administration Fellow  
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prepared by  
Institute for Public Administration  
School of Public Policy and Administration  
College of Arts and Sciences  
University of Delaware

funded by the  
Delaware Department of Transportation



### More information

The guide also includes a user-friendly checklist designed to help communities evaluate the extent to which their jurisdiction has developed planning, regulatory, spending, ecosystem, economic, and community-engagement tools to enhance their community's flood readiness. The guide links to additional resources produced by Delaware state agencies and the Delaware Sea Grant College Program, as well as a GIS Story Map showcasing freeboard, a floodplain management strategy. The downloadable guide and other resources are available on the University of Delaware Institute for Public Administration's *Delaware Complete Communities Planning Toolbox* at ([www.completecommunitiesde.org/planning/sustainable/flood-ready/](http://www.completecommunitiesde.org/planning/sustainable/flood-ready/)).

## Visualization Tool for Community Planners: CanVis

*From NOAA's Digital Coast*

**Illustrating an Improved Community Streetscape**



Flooding and stormwater runoff are common hazards plaguing many communities. Green infrastructure, nature-based approaches for controlling excess water, can help mitigate these issues while adding natural beauty to common spaces.

(Green infrastructure practices include rain gardens and green spaces.) During planning phases, engineers often use drawings that can be difficult to visualize and understand. By using NOAA Digital Coast's [CanVis](#) software, town planners feel fully informed on improvements and able to provide constructive feedback. See example on the right from the Town of Fairfield, Connecticut, which used CanVis to create [before-and-after graphics](#) of their downtown streetscape.

#### More Information:

This easy-to-use, downloadable visualization tool allows users to "see" potential changes, from coastal development (including a new building or marina) to sea level rise. Controls are similar to Photoshop, but with less of a learning curve. Users can quickly develop realistic visualizations for their stakeholders. Hundreds of coast-based icons (coastal object libraries) are provided.

#### Features

- Simulate potential on-the-ground impacts of various actions
- Compare outcomes of multiple scenarios
- Create a possible vision of the future



Original photo of a streetscape in Fairfield, Connecticut. (Photos courtesy of the Town of Fairfield, CT)



CanVis visualization shows streetscape improvements: reduced pavement and parking areas; added brick pavers, tree plantings, green space, and community areas.

[Click Here to learn more!](#)

## Funding Opportunities

### NEW! Delaware Database for Funding Resilient Communities

The Institute for Public Administration (IPA) at the University of Delaware, with support from Delaware Coastal Programs, conducted an extensive search of financial assistance programs that support the implementation of resiliency-building plans and projects in Delaware and compiled the findings into an accessible and intuitive online searchable database.

While planning and technical assistance programs were identified and included, IPA's search prioritized financial assistance programs that support the implementation of high-cost activities such as infrastructure improvements, facility retrofitting, construction, and land acquisition. The sorting feature enables users to quickly and easily filter programs by four categories.



*Delaware Database for Funding Resilient Communities Video Tutorial*

The database is available at:

[www.sppa.udel.edu/research-public-service/ddfrc](http://www.sppa.udel.edu/research-public-service/ddfrc)

### Call for Grant Proposals for

Who Should Apply?

## Wastewater and Surface Water Project Planning

**Call for wastewater and surface water projects**  
*Request for Proposals from the DNREC's Division of Watershed Stewardship and the Office of Environmental Finance*

DNREC's Division of Watershed Stewardship and the office of Environmental Finance are now accepting project proposals for matching grants for wastewater and surface water project planning. Proposals must be received by the last week of February, May, August and November.

### What kind of projects are eligible?

Eligible projects include planning, preliminary engineering, and feasibility analysis of: wastewater projects; stormwater retrofits; green technology practices; stream and wetland restoration projects; small watershed studies; master surface water and drainage plans, and other source water pollution control projects.

State, county and municipal governments and governmental subdivisions.

For a Wastewater Matching Planning Grant, the project guidelines and the application can be found online by clicking [Wastewater Matching Planning Grant](#). A grant informational workshop is held twice a year (July and December) to discuss the particulars of the grant.

Click [here for guidelines and application form](#). Proposals must be submitted by email (less than 10 MB) to [Greg.Pope@state.de.us](mailto:Greg.Pope@state.de.us).

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## Green Infrastructure Loans

### Program Overview

Loans for green infrastructure projects are available through the **Delaware Water Pollution Control Revolving Fund (also known as the Clean Water State Revolving Fund)** from which loans are made for projects at below market interest rates. Interest rate subsidies and/or principal forgiveness may be provided based on the affordability of the project.

### Eligible projects

Green projects must fall under one of four categories: Green Infrastructure, Water Efficiency, Energy Efficiency, or Environmentally Innovative. Eligible projects are those that meet the definitions in the EPA document: "2010 Clean Water and Drinking Water State Revolving Fund 20 percent Green Project Reserve: Guidance for Determining Project Eligibility (April 21, 2010)." Click [here](#) to view the document.

### Funding process - July/August Solicitation coming soon!

Annually, the Department develops a [Project Priority List \(PPL\)](#) of projects that will receive funding during the next fiscal year. The development of the PPL begins in January when eligible wastewater utilities are notified of the opportunity to submit a Notice-of-Intent (NOI) to apply for funding. From the NOI, a draft PPL is developed and put out for public review each year. Projects are ranked on their environmental benefit.

There is also a second solicitation for projects in July/August timeframe and the PPL is amended to add the new projects. After the PPL is adopted, those applicants whose projects are on the fundable portion of the list will be contacted to submit a [loan application](#) for funding.

### Contact information

Greg Pope, P.E.  
Delaware Department of Natural Resources & Environmental Control  
Office of the Secretary  
5 E. Reed Street, Suite 200  
Dover, DE 19901  
Email: [Greg.Pope@state.de.us](mailto:Greg.Pope@state.de.us)  
Telephone: 302-739-9941

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## Stormwater Infrastructure Loans

### Program Overview

Loans for stormwater infrastructure projects are available through the Delaware Water Pollution Control Revolving Fund (also known as the Clean Water State Revolving Fund) from which loans are made for projects at below market interest

### Funding process - July/August Solicitation coming soon!

Annually, DNREC develops a [Project Priority List \(PPL\)](#) of projects that will receive funding during the next fiscal year. The development of the PPL begins in January when eligible wastewater utilities are notified of the opportunity to submit a Notice-of-Intent (NOI) to apply for funding. From the NOI, a draft PPL is developed and put out for public review each year. Projects are ranked on their environmental benefit.

rates. Interest rate subsidies and / or principal forgiveness may be provided based on the affordability of the project.

### Eligible projects

Eligible projects vary. Projects are eligible as long as there is a water quality benefit. Stormwater projects can be eligible as municipal (212) projects, non-point source (319), and /or green infrastructure projects. Low-cost, non-point source projects may be eligible under our expanded uses programs. Projects greater than \$250,000 must follow the PPL process.

There is also a second solicitation for projects in July/August timeframe and the PPL is amended to add the new projects. After the PPL is adopted, those applicants whose projects are on the fundable portion of the list will be contacted to submit a [loan application](#) for funding.

### Contact information

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As a part of our mission, the Delaware National Estuarine Research Reserve is committed to promoting informed decision making through the Delaware Coastal Training Program. This program addresses critical coastal resource management issues in Delaware by providing current scientific information, access to technologies and skill-building opportunities to Delawareans responsible for making decisions about the state's coastal resources.

*Requests for submittal: Have a great resource, training, or program that you want to share with Delaware community leaders and natural resources managers to help make our communities safer and more sustainable? Please submit information for inclusion in this e-newsletter to the contact below by April 15 (for spring issue), July 15 (summer), October 15 (fall), January 15 (winter).*

Visit our Website

Kelly Valencik | Delaware National Estuarine Research Reserve | 302-739-6377  
[kelly.valencik@state.de.us](mailto:kelly.valencik@state.de.us) | <http://de.gov/dectp>

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